

ABSTRACT

DEVICE FOR RECEIVING AND/OR TRANSMITTING ELECTROMAGNETIC WAVES WITH RADIATION DIVERSITY

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10 The present invention relates to a device for receiving and/or transmitting electromagnetic waves with radiation diversity.

15 This device comprises, on a common substrate (3), at least one antenna of the slot type (1) formed by a closed curve, known as a slot antenna, electromagnetically coupled to a first supply line (6), and an antenna radiating parallel to the substrate (2), positioned inside the slot antenna and connected to a second supply line, said first and second supply lines being connected via a switching means to means for exploiting the electromagnetic waves.

20 The device can be applied, in particular, in the field of wireless transmissions.

Fig. 1